



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Grier et al.

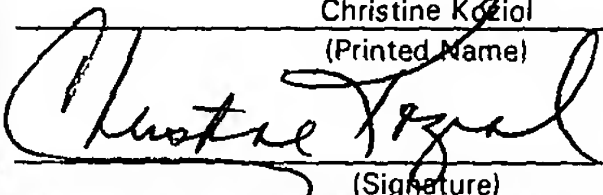
Title: TRANSVERSE OPTICAL
ACCELERATOR AND
GENERALIZED OPTICAL
VORTICES

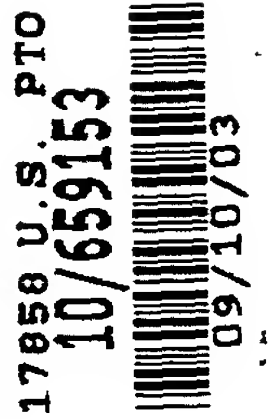
Appl. No.: Unknown

Filing Date: Unknown

Examiner: Unknown

Art Unit: Unknown

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.	
EV 291979545 US (Express Mail Label Number)	September 10, 2003 (Date of Deposit)
Christine Koziol (Printed Name)	
 (Signature)	



UTILITY PATENT APPLICATION
TRANSMITTAL

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

David G. Grier
1960 North Lincoln Park West
Chicago, Illinois 60614

Jennifer E. Curtis
5482 South Woodlawn, #2
Chicago, Illinois 60615

[X] Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- ☒ Specification, Claim(s), and Abstract (58 pages).
- ☒ Informal drawings (21 sheets, Figures 1 - 24).
- ☒ Unexecuted Declaration and Power of Attorney (3 pages).
- ☐ Assignment of the invention to U.C. Tech.
- ☐ Assignment Recordation Cover Sheet.
- ☐ Small Entity statement.
- ☐ Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).
- ☐ Information Disclosure Statement.
- ☐ Form PTO/SB/08 with copies of ____ listed reference(s).
- ☒ Application Data Sheet (37 CFR 1.76).
- ☒ Claim for Convention Priority – **60/411,132 – filed 09/16/02 and 60/451,886 – filed 03/04/03.**

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$750.00		\$750.00
Total Claims:	20	-	20	=	0	x	\$18.00	=	\$0.00
Independent ents:	2	-	3	=	0	x	\$84.00	=	\$0.00
If any Multiple Dependent Claim(s) present:						+	\$280.00	=	\$0.00
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration						+	\$130.00	=	\$0.00
							SUBTOTAL:	=	\$750.00
<input type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):								=	\$375.00
							TOTAL FILING FEE:	=	\$375.00

- ☒ [X] A check in the amount of \$375.00 to cover the filing fee is enclosed.
- ☐ [] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ [X] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date Sept 10, 2003

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By Marshall J. Brown

Marshall J. Brown

Attorney for Applicant

Registration No. 44,566